

CLAIMS

1. A method of providing a graphical display for a desktop application, comprising:
generating scene graph data, the scene graph data including at least one two-dimensional
5 object, the scene graph data adapted to be stored in a graphics module capable of generating the
graphical display; and
generating a scene graph display command associated with the at least one two-dimensional
object, the scene graph display command adapted to be interpreted by the graphics module
resulting in at least one two-dimensional image on the graphical display, wherein the at least one
10 two-dimensional image is associated with the at least one two-dimensional object.
2. The method of Claim 1, wherein the generating the scene graph display command includes:
receiving object data associated with a selected one of the at least one two-dimensional
object; and
15 associating the object data with the selected one of the at least one two-dimensional object
to provide the scene graph display command.
3. The method of Claim 2, wherein the object data is provided by a radar system and is
associated with at least one of an aircraft and a geographic feature.
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4. The method of Claim 1, wherein the at least one two-dimensional object represents an
aircraft.
5. The method of Claim 1, wherein the generating the scene graph data includes generating
25 the scene graph data including at least one of a first two-dimensional scene graph data portion
representing a land geography, and a second two-dimensional scene graph data portion
representing one or more aircraft.

6. The method of Claim 1, wherein the generating the scene graph data includes generating the scene graph data associated with at least one two-dimensional object and with at least one three-dimensional object.

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7. The method of Claim 1, wherein the scene graph data includes at least one text object, the at least one two-dimensional object includes at least one text character, and the at least one two-dimensional image includes at least one text character image.

10 8. A computer program medium having computer readable code thereon for providing a graphical display for a desktop application, the medium comprising:

instructions for generating scene graph data, the scene graph data including at least one two-dimensional object, the scene graph data adapted to be stored in a graphics module capable of generating the graphical display; and

15 instructions for generating a scene graph display command associated with the at least one two-dimensional object, the scene graph display command adapted to be interpreted by the graphics module resulting in at least one two-dimensional image on the graphical display, wherein the at least one two-dimensional image is associated with the at least one two-dimensional object.

20 9. The computer program medium Claim 8, wherein the instructions for generating a scene graph display command include:

instructions for receiving object data associated with a selected one of the at least one two-dimensional object; and

25 instructions for associating the object data with the selected one of the at least one two-dimensional object to provide the scene graph display command.

10. The computer program medium Claim 9, wherein the object data is provided by a radar system and is associated with at least one of an aircraft and a geographic feature.

11. The computer program medium Claim 8, wherein the at least one two-dimensional object represents an aircraft.
- 5 12. The computer program medium Claim 8, wherein the instructions for generating the scene graph data include instructions for generating the scene graph data including at least one of a first two-dimensional scene graph data portion representing a land geography, and a second two-dimensional scene graph data portion representing one or more aircraft.
- 10 13. The computer program medium Claim 8, wherein the instructions for generating the scene graph data include instructions for generating the scene graph data associated with at least one two-dimensional object and with at least one three-dimensional object.
14. The computer program medium Claim 8, wherein the scene graph data includes at least one
15 text object, the at least one two-dimensional object includes at least one text character, and the at least one two-dimensional image includes at least one text character image.
15. A system for providing a graphical display for a desktop application, comprising:
a scene graph display command generator for generating a scene graph display command
20 associated with the at least one two-dimensional object, the scene graph display command adapted to be interpreted by a graphics module, resulting in at least one two-dimensional image on the graphical display, wherein the at least one two-dimensional image is associated with the at least one two-dimensional object.
- 25 16. The system of Claim 15, further including
an association processor adapted for:
receiving object data associated with a selected one of the at least one two-
dimensional object; and
associating the object data with the selected one of the at least one two-dimensional
30 object to provide the scene graph display command.

17. The system of Claim 16, wherein the object data is provided by a radar system and is associated with at least one of an aircraft and a geometric feature.

5 18. The system of Claim 15, wherein the at least one two-dimensional object represents an aircraft.

19. The system of Claim 15, wherein the scene graph data includes at least one two-dimensional object and at least one three-dimensional object.

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20. The system of Claim 15, wherein the scene graph data includes at least one text object, the at least one two-dimensional object includes at least one text character, and the at least one two-dimensional image includes at least one text character image.